

MISCELLANEOUS.

The average amount of sunshine in percentages, with departures from the normal, was as follows: Grand Junction, 67, +5; Durango, 61, -11; Phoenix, 73, -4; and Yuma, 76, -6.

The relative humidity reported was: Grand Junction, 74, +9 per cent; Durango, 69, +2; Phoenix, 60, +10; and Yuma, 51, +6.

SNOWFALL IN THE MOUNTAINS.

Western Wyoming.—On low and moderate elevations of the Green watershed less than the normal amount of snow fell during the month, but for very high elevations the usual amount was reported. As a rule, the snow is drifted and well packed.

Western Colorado.—The number of storms during February was close to the average, and while material additions were made to the snow covering, the run-off is not likely to be as great as might be inferred from the depths, which are made up to a large extent from comparatively recent snows. The prevailing cold weather has delayed the settling of the current falls; the early ones, however, are hard packed. On the Grand and Gunnison watersheds the snowfall was above the normal, the excess being confined principally to moderate elevations. For the Grand the depth, average elevation 8,800 feet, 33 inches, was the same as a year ago, while for the

Gunnison, average elevation 8,700 feet, it was 26 inches, or 1 inch greater. A deficiency occurred on the watersheds of the Yampa and White; the depth, 32 inches, average elevation 7,900 feet, was 9 inches less than at corresponding date last year. An excess occurred on the drainage of the San Juan, except near the head of the Animas River. The average depth, 26 inches, average elevation 8,000 feet, was 16 inches more than a year ago.

Eastern Utah.—On the watersheds of the Green and Colorado Rivers the snowfall was heavy, the snow layer being doubled during the month. At the end of the month the depth was about normal but greater than at the corresponding date last year. An average water supply may be expected.

Western New Mexico.—There was a general excess of precipitation during the month, and the depth on the San Juan watershed and in the northwest was more than doubled. The early part of the season will be much benefited. On the watersheds of the San Francisco, Gila, and Mimbres there was a large excess of precipitation, and heavy snow fell in the mountains.

Arizona.—At the end of the month the snow was from 3 to 8 feet deep in the mountains of the eastern and northern parts of the State. It is drifted and in a condition favorable to late melting. An ample supply of water for irrigation and the ranges is assured for the year.

TABLE 1.—Climatological data for February, 1913. District No. 9, Colorado Valley.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.	
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeasured.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.	
<i>Wyoming.</i>																			
Battle Mountain.....	Carbon.....	7,300	1																U. S. Forest Service.
Big Piney.....	Lincoln.....																		Ira Dodge.
Daniel.....do.....	6,740	14	7.6	- 4.3	42	15 ^t	- 35	2	50	0.80	- 0.58	0.32	10.0	4	16	9	3	nw.
Eden.....	Sweetwater.....	6,577	4	13.6	.....	50	17	- 21	2	45	0.28	0.12	5.5	3	w.	.....	.....	J. M. Van Dervort.
Green River.....	.....do.....	6,083	8	20.2	.....	55	17	- 16	20	38	0.43	0.21	6.1	4	11	15	2	w.
Pinetop.....	Fremont.....	7,167	11.2	.....	.....	45 ^a	17	- 24 ^a	8	41 ^a	0.28	0.11	5.0	5	12 ^a	10 ^a	5*	nw.
Wamsutter.....	Sweetwater.....	15.4	16.1	.....	.....	59	16	- 25	1	47	0.55	0.30	7.3	6	17	5	6	sw.
Willow Creek Cabin.....	Fremont.....	7,500	4	16.1	.....	45 ^t	17	- 20	22	52 ^t	1.04	0.80	13.0	3	14 ^t	2 ^t	6 ^t	nw.
<i>Colorado.</i>																			
Breckenridge.....	Summit.....	9,536	24															Albert S. McCullough.	
Bufoord.....	Rio Blanco.....	2																Mrs. H. Genier.	
Cascade.....	San Juan.....	8,900	6															San Juan W. & P. Co.	
Cedaredge.....	Delta.....	6,175	15	28.5	- 1.6	54	17	6	28	41	1.38	+ 0.27	0.60	18.0	5	14	11	3	Harry A. Cobbett.
Cochetopa.....	Saguache.....	9,086	4															Miss Bessie McDonough.	
Colbran.....	Mesa.....	6,000	20	25.9	- 2.8	48	17	1	21	27	1.98	+ 0.72	0.35	34.0	13	9	8	11	A. A. Wood.
Columbine.....	Routt.....	8,766	3															Mrs. M. A. Caron.	
Columbine Ranch.....	Delta.....	6,925	3															George W. Wade.	
Corona.....	Grand.....	11,600	6	5.4	.....	27	17	- 12	20 ^t	21	12.21	.....	1.23	.....	18			w.
Cortez.....	Montezuma.....	6,100	2	29.2	.....	55	17	- 2	28	37	1.12	0.57	16.0	6	13	12	3	n.
Crawford (near).....	Montrose.....	6,600	3	24.2	.....	45	16 ^t	3	30	0.85	0.26	20.0	11	9	10	9	.....	
Crested Butte.....	Gunnison.....	8,867	5	12.0	.....	41	18	- 23	14	57	2.98	0.80	34.0	7	9	13	6	Charles L. Ross.
Delta.....	Delta.....	4,965	23	30.0	- 1.4	57	18	5	24	38	0.57	+ 0.04	0.20	8.0	8	16	6	E. M. Getts.	
Durango.....	La Plata.....	6,534	18	27.6	- 2.3	55	17	0	23	38	2.75	+ 1.36	0.72	21.7	11	8	10	U. S. Weather Bureau.	
Eureka.....	San Juan.....	10,000	6															W. G. Clucas.	
Fraser.....	Grand.....	8,560	4	10.2	.....	43	18	- 27	3	52	1.76	0.50	18.0	9	2	8	18	C. W. Roe.
Fruitita.....	Mesa.....	4,510	14	28.0	- 3.5	55	18	0	3	39	1.27	+ 0.37	0.25	10.9	11	9	11	J. B. Willsea.	
Glade Park.....	.....do.....	7,000	2															A. F. Terrill.
Gladstone.....	San Juan.....	10,400	6															San Juan W. & P. Co.	
Glenwood Springs (near).....	Garfield.....	5,823	15	25.0	- 1.9	54	18	- 6	3	41	1.40	+ 0.63	0.35	15.0	7	13	2	E. A. O'Neil.	
Grand Junction.....	Mesa.....	4,002	22	30.7	- 0.8	57	18	10	3	30	1.22	+ 0.59	0.56	8.9	10	8	10	U. S. Weather Bureau.	
Grandlake.....	Grand.....	8,153	5															Mrs. Belle Kauffman.	
Grand Valley.....	Garfield.....	5,089	21	30.2	0	55	18	0	21	40	1.25	+ 0.26	0.35	10.5	10	5	9	David Evans.	
Gunnison.....	Gunnison.....	7,670	20	14.9	+ 1.4	48	9	- 18	28	46	0.80	+ 0.08	0.28	15.4	10	15	3	Clarence Adams.	
Hesperis (near).....	La Plata.....	7,610	1															G. F. Snyder.	
Horsefly.....	Montrose.....	8,700	3															Lawrence J. Finch.	
Ironfort.....	Ouray.....	10,000	3															Mrs. Amanda E. Foley.	
Lake City.....	Hinsdale.....	8,986	8	16.8	.....	42	18 ^t	- 15	3	42	0.26	0.12	5.1	6	12	4	12	T. Baker.
Ley.....	Moffat.....	6,190	19	18.4	- 1.3	49	19 ^t	- 23	21	50	1.12	- 0.11	0.40	15.5	8	9	4	15	U. S. Reclamation Service.
Mancos.....	Montezuma.....	6,960	14	26.9	- 3.3	53	17	- 8	28	39	3.17	+ 1.07	0.05	32.2	8	13	4	11	Arthur Hanthorn.
Marble.....	Gunnison.....	7,951	4	21.6	.....	50	17	- 11	12	46	2.59	0.62	36.0	11	16	4	8	E. T. Walker.
Marshall Pass.....	Saguache.....	10,546	10															E. P. Updegraff.	
Meeker (near).....	Rio Blanco.....	6,182	21	20.4	- 3.4	46	6	- 17	2	43	0.67	- 0.36	0.28	7.8	8	10	11	J. M. Wallihan.	
Monrose.....	Montrose.....	5,811	24	28.8	- 1.6	55	18	0	23	38	0.81	+ 0.14	0.20	11.6	8	13	5	B. M. Kruumanitzky.	
Nast.....	Pitkin.....	7,953	3	17.6	.....	45	17	- 12	12	40	1.39	0.32	26.8	10	11	8	9	F. E. Morse.
Pagosa Springs.....	Archuleta.....	7,108	6	20.7	.....	50	16 ^t	- 18	4	58	2.73	0.55	30.9	15	10	9	9	Wm. L. Williams.
Palisades.....	Mesa.....	4,729	2	31.0	.....	58	18	7	4	33	0.89	0.28	7.3	6	11	10	7	T. Baker.
Paonia.....	Delta.....	5,694	18	29.4	- 2.7	53	17	9	3	34	1.70	+ 0.45	0.46	14.5	9	6	15	Dorothea Greiner.	
Pitkin.....	Gunnison.....	9,500	4															Dr. E. S. C. Foster.	
Pyramid.....	Rio Blanco.....																	Clinton B. Smith.	
Rangely.....	.....do.....	5,050	14															Herman Eiche.
Redcliff.....	Eagle.....	8,695	20															U. S. Reclamation Service.	
Redvale.....	Montrose.....	6,300	26.8	.....	51	17	0	3	41	1.30	0.31	11.0	9	13	4	11	W. F. Irving.	
Rico.....	Dolores.....	8,824	11									1.01	30.5	17	2	9		Central Colorado Power Co.	
Rise.....	Garfield.....	5,437	2	27.8	.....	51	18	0	21	34	0.74	0.19	16.9	8	10	7	11	San Juan W. & P. Co.
River Portal.....	Montrose.....	6,570	7	26.4	.....	51	18	5 ^d	12	37 ^d	1.47	0.47	18.5	8	11	4	13	H. J. Wills.
Sapirero (near).....	Gunnison.....	S,125	10	18.7	- 0.4	43	18	- 5	37	2.07	+ 1.09	0.38	36.9	15	10	5	9	Herbert B. Gee.	
Shoshone.....	Garfield.....	6,110	3	28.0	.....	53	16	3	3	29	1.25	0.34	21.0	11	10	8	10	San Juan W. & P. Co.
Silverton (near).....	San Juan.....	9,400	6	16.5	.....	45	16	- 15	3	47	1.69	0.05	21.0	7	8	8	12	John P. Hite.
Spruce Lodge.....	Grand.....	9,600	5															Amos Workman.	
Steamboat Springs.....	Routt.....	6,683	10	20.2	+ 3.6	58	1	- 25	2	61	1.66	- 0.99	0.91	24.3	5	12	11	5	V. V. Farming Association.
Tacoma.....	La Plata.....	7,300	6															Gertrude W. Carpenter.	
Telluride.....	San Miguel.....	8,756	1	21.3	.....	50	17	- 8	3	42	1.78	0.44	19.6	14	13	6	9	B. F. Anderson.
Terminal Dam.....	La Plata.....	8,300	6															W. S. McClellan.	
Yampa (near).....	Routt.....	8,000	4															Daniel M. Nelson.	
<i>Utah.</i>																			
Aneth.....	San Juan.....	4,800	9	33.8	.....	60	17	10	3	37	1.12	0.50	7.0	7	13	5	10	H. R. Antes.
Bluff.....	.....do.....	4,200																Mrs. H. P. Raplee.
Boneta.....	Wasatch.....	6,750																Oscar Wilkins.	
Canaan.....	Washington.....																	J. M. Lauritsen.	
Castle Dale.....	Emery.....	5,500	14	24.7	- 1.7	53	15 ^t	2	19	52	1.24	+ 0.46	0.40	5	14	13	1	Miss May Jeffs.	
Cisco.....	Grand.....	4,447	14	29.0	.....	56	19	- 1	3	53	2.90	0.60	21.0	8	12	6	10	J. J. Anderson.
Dragon.....	Uinta.....	6,000	25.0	.....	52	16	- 7	21	31	0.98	0.27	10.5	6	12	10	6	H. D. Ford.	
Duchesne.....	Wasatch.....	5,500	23.4	.....	51	15 ^t	- 7	23	48	0.44	0.10	4.4	6	10	12	6	M. M. Smith.	
Elkhorn.....	Uinta.....	6,657	3															Chas. De Moisy, Jr.	
Emery.....	Emery.....	6,200	12	20.2	- 10.0	65	26	3	22	54	0.70	- 0.10	0.30	4	7	11	10	H. C. Wickman.	
Fisher Valley.....	Garfield.....	5,700	10	30.2b	.....	57	17	1	1	50	0							

TABLE 1.—*Climatological data for February, 1913. District No. 9—Continued.*

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Number of cloudy days.	Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmetted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.			
Utah—Continued.																			
Monticello.	San Juan.	7,545	4							2.48		1.10	3	n.				Geo. F. Barton.	
New Harmony.	Washington.	5,200	3							2.16		0.67	10	s.				Geo. F. Prince.	
Orderville.	Kane.	6,660	2							2.73		0.93	27.5	7	6	11		F. A. Porter.	
Pine Valley.	Washington.	6,000	2															Mason Gardner.	
Price.	Carbon.	5,557	5															R. H. Thompson.	
Ranch.	Kane.	6,700	11	24.0	-3.2	52	16	-10	28	44	3.41	+ 0.61	1.18	9	16	1	11	J. W. Seaman.	
San Rafael.	Emery.	4,250	2							0.48		0.33	3.4	3	19	2	7	W. C. Foy.	
St. George.	Washington.	2,880	26	41.2	-0.8	67	17†	14	3	44	1.98	+ 1.02	0.42	3.0	9	9	10	A. B. Ballantyne.	
Scofield.	Carbon.	7,625	3	17.4		45	16	-17	22	50	1.49		0.43	33.5	8	16	0	B. Newren.	
Springdale.	Washington.	3,500	5														Hattie Wood.		
Strawberry Tunnel (east).	Utah.	7,500	5														U. S. Reclamation Service.		
Sunnyside.	Carbon.	5,280	3	25.6		63	15	-4	21	41	0.70		0.20	7.0	7	10	8	Henry Cullum.	
Teasdale.	Wayne.	7,000	3	30.6		52	17	10	21	26	0.98		0.28	11.5	7	13	8	A. M. Starmont.	
Thompsons.	Grand.	5,150	16	27.5°	-2.6	47	14	5°	28	26	1.70	+ 0.87	1.00°	17.0	5°	8	7	E. P. Bolton.	
Tropic.	Garfield.	7,000	2														Forest supervisor.		
Troutcreek Ranger.	Uinta.	9,200	16														S. P. Trim.		
Vernal.	do.	5,050	16	24.6	+ 2.2	53	16†	-11	27	39	1.05	+ 0.41	0.40	14.3	7	19	4	F. F. Noyes.	
Victor.	Emery.	5,250															C. F. Keil.		
White Rock.	Uintah.																D. P. Adams.		
Woodside.	Emery.																		
New Mexico.																			
Alma.	Socorro.	5,500	16	38.5	-2.7	67	16	10	21	47	1.87	+ 1.13	0.50	T.	7	6	10	12 sw.	
Aragon.	do.	6,29.5				68	16	0	3	56	1.98		0.40	26.0	11	12	9	John R. Milligan.	
Aztec.	San Juan.	5,590	13														Dr. T. J. West.		
Berger's Ranch.	McKinley.	8,000	1	25.4		58	17	-10	28	52	5.18		1.29	+ 0.48	0.50	18.5	7	Herman Berger.	
Blackrock.	do.	6,500	4	24.4		55	5	-12	6	62	0.29		0.15	4.5	4		P. Des Georges.		
Bloomfield.	San Juan.	5,500	18	30.9	-2.2	60	17	1	3	46	0.81	+ 0.08	0.35	11.9	8	11	10 sw.		
Cambray.	Luna.	4,215	14														Fred LeClerc.		
Cliff.	Grant.	4,470	13	38.0	-6.1	66	18	5	22	52	0.87	+ 0.07	0.57		3	19	6	Agent So. Pac. R. R.	
Columbus.	Luna.	4,054	4														W. C. Belden.		
Deming.	do.	4,333	36	43.8		72	16†	18	2	46	1.20	+ 0.66	1.20	0	2	16	2	Agent E. P. & S. W. R. R.	
Dulce.	Rio Arriba.	6,756	16	24.2	-0.6	53	16	-21	4	56	2.90	+ 1.01	0.58	44.5	12	15	3	E. O. Green.	
Fort Bayard.	Grant.	6,152	38	37.8	-2.7	61	17	15	21	32	2.37	+ 1.36	1.04	11.6	12	11	6	U. S. General Hospital.	
Fruitland.	San Juan.	4,800	19	32.8	-2.1	59	17	7	3	40	0.87	+ 0.20	0.34	7.2	7	11	5	Cyril J. Colver.	
Gage.	Luna.	4,486	13	41.7		62	6	20	24†	36	2.86	+ 2.09	0.75	4.0	5	9	8	Agent So. Pac. R. R.	
Gila Planting Station.	Grant.	6,475	2	36.4		59	16	12	21	32	1.52		0.56	21.0	10	12	6	Victor Culberson.	
G. O. S. Ranch.	do.	8,000	1	33.8		62	17	-4	28	44	2.10		0.74	22.8	11	9	3	Agent E. P. & S. W. R. R.	
Hachita.	do.	4,504	4			68	17	20	3†	37	1.44		0.50	0.5	6	16	5	Dr. John R. Haynes.	
Haynes.	Rio Arriba.	6,600	2	31.6		68	21	2	6	60	1.00		0.45	10.0	7	20	3	Agent E. P. & S. W. R. R.	
Hermanes.	Luna.	4,451	4														J. H. McClure.		
Lordsburg.	Grant.	4,245	30	43.8	-2.2	72	17	18	3	46	2.43	+ 1.66	0.90	1.0	5	9	2 w.		
Luna.	Socorro.	7,300	8	29.4		54	16	-4	3	46	2.06	+ 0.61	0.28	27.5	11	3	23	Charles B. Martin.	
Mimbres.	Grant.	5,007	8														Charles Dennis.		
Pinos Altos (near).	do.	7,253	2														O. L. Scott.		
Pratt.	do.	4,415	4			68	17	-1d	10	52d	3.67		1.18	36.5	13	7	19	Agent E. P. & S. W. R. R.	
Putnam.	San Juan.	6,200	1	26.8d		61d	17	-1d	10	52d	0.40		2.00	T.	5	11	6	Agent C. F. Spader.	
Rodeo.	Grant.	4,150	4														Robert H. Woods.		
Silver City.	do.	4,118	2	36.5		59	16	12	21	38	3.18		1.05	0	9	11	7	Agent E. P. & S. W. R. R.	
Arizona.																			
Allaire Ranch.	Cochise.	4,184	17								2.28	+ 1.34	0.47	1.5	7	12	3	Thomas Allaire.	
Alpine.	Apache.	8,500	2								1.03			14.5				U. S. Forest Service.	
Ashfork.	Yavapai.	5,229	1								2.70			1.20	15.0	6	17	2	Do.
Aztec.	Yuma.	492	15	56.7	-0.4	81	17†	26	3	41	1.07	+ 0.37	0.35	0	6	17	0	Agent Southern Pacific Ry.	
Benson.	Cochise.	3,523	31	46.2	-4.2	70	17†	23	21	40	2.36	+ 1.40	0.64	0	9	5	10	Do.	
Bisbee.	do.	5,500	23	44.7	-2.2	66	19	30	26	29	5.05	+ 3.65	3.0	6	15	3	10	Bisbee High Schools.	
Blue.	Greenlee.	6,000	1								2.19			0.83	20.6	6	0	24	Mary A. Jones.
Bonita.	Graham.	4,916	38								2.40	+ 1.31	0.52	0	7	7	9	A. H. Jolley.	
Bowie.	Cochise.	3,756	35	46.0	-1.5	70	17†	22	22	41†	1.72	+ 0.17	0.64	0	7	10	8	Agent Southern Pacific Ry.	
Buckeye.	Maricopa.	980	20	52.3	-2.6	77	17	25	3	44	2.13	+ 1.35	1.18	0	9	16	8	H. E. Kell.	
Canille.	Santa Cruz.	5,225	3								3.82			1.00	5.0	11	6	17	Robert A. Rodgers.
Case Grande.	Pinal.	1,396	33								1.75	+ 1.13	1.00	0	4	13	5	Agent Southern Pacific Ry.	
Casa Grande Ruins.	do.	1,422	51.6			79	17†	25	3	43	1.64		0.43	T.	13	10	5	Frank Pinkley.	
Chandler.	Maricopa.	1,217	17	51.4	-3.2	78	16	26	7	43	1.88	+ 0.96	0.78	0	5	12	F. V. N. Dana.		
Chin Lee.	Apache.	6,090	5	30.6		63	17	-5	23	47	0.74		0.23	4.5	5	9	10	Rev. L. Ostermann, O. F. M.	
Chlarsion's Mill.	Graham.	8,000	6								2.99			1.20	24.0	5		Hiram L. Chlarsion.	
Clifton.	Greenlee.	3,584	24	49.0		71	17	28	25	28	2.35	+ 1.10	0.47		9	15	9	Ariz. & N. Mex. Ry. Co.	
Cline.	Gila.	2,300	13								2.35			0.87	0	9	9	W. M. Clanton.	
Cochise.	Cochise.	4,219	13	41.4	-5.4	68	17	15	3†	49	1.47	+ 0.27	1.00	4.7	4	10	4	Agent Southern Pacific Ry.	
Columbia.	Yavapai.	1,900	49.0	-4.5	74	17	30	27	26	26	7.13	+ 4.98	2.60	6.3	9	12	M. J. Nolan.		
Courtland.	Cochise.	4,543	5								4.52			1.75	4.0	9	4	Agent E. P. & S. W. R. R.	
Dos Cabezos.	do.	5,250	5	40.5		62	17	16	21	37	3.02		1.06	1.1	9	12	5	Neil Erickson.	
Douglas.	do.	3,920	10	47.0	-3.0	73	18†	25	3†	45	3.47	+ 2.37	0.93	T.	12	11	6	Dr. F. T. Wright.	
Dudleyville.	Pinal.	2,204	21	49.4	-1.8	75	16	27	3	41	4.36	+ 2.89	0.78	T.	12	6	8	George F. Cook.	
Elgin.	Santa Cruz.	1									4.40			1.50	3.0	9	8	George Beebe.	
Fairbank.	Cochise.	3,862	4								2.84			0.87	0	9	9	Agent E. P. & S. W. R. R.	
Flagstaff.	Coconino.	6,907	21	26.6	-4.2	55	16	-7	28	37	2.76	-0.52	0.60	30.2	11	8	7	George T. Herrington.	
Flagstaff (1).	do.	7,500	4	21.4		52	16	-14	3†	48	3.62		1.29	33.8	13	14	3	August F. Duvelos.	
Florence.	Pinal.	1,504	14	52.8	-1.2	8													

TABLE 1.—*Climatological data for February, 1913. District No. 9—Continued.*

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.		
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeasured.	Number of rainy days, 0.01 inch or more.	Number of clear days.				
Arizona—Continued.																				
Hereford.	Cochise.	4,180	3	34.2	- 4.9	66	17	- 4	23	42	1.48	+ 0.82	0.70	22.0	7	14	2	12	sw.	
Holbrook.	Navajo.	5,069	23	34.2	—	—	—	—	—	2.52	—	0.79	0.0	0	9	7	0	21	sw.	
Indian Oasis.	Pima.	3,000	2	—	—	—	—	—	—	3.95	—	0.95	0.0	0	8	13	3	12	sw.	
Intake.	Gila.	2,230	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Jerome.	Yavapai.	4,743	15	41.0	- 5.4	65	18	19	20†	28	4.40	+ 2.36	1.80	23.2	8	12	11	5	w.	
Keams Canyon.	Navajo.	6,600	8	30.4	—	56	16	—	28	40	1.71	—	0.41	16.0	5	12	5	11	w.	
Kingman.	Mohave.	3,326	8	40.4	—	70	17	19	28	40	0.41	—	0.25	2.5	8	17	0	11	w.	
Lakeside.	Navajo.	6,500	17	28.8	—	54	17	—	28	46†	5.27	+ 3.24	1.85	—	0.58	10.7	9	2	17	sw.
Lewis Springs.	Cochise.	4,029	4	—	—	—	—	—	—	3.65	—	1.20	0.5	0.9	7	2	19	—	—	
Lowell Observatory.	Coconino.	7,180	1	—	—	—	—	—	—	3.24	—	0.80	T.	10	9	7	12	sw.		
McNeal.	Cochise.	4,150	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Maricopa.	Pinal.	1,186	35	51.6	- 5.3	79	16†	23	3	46	1.08	+ 0.39	0.60	0	4	16	9	3	—	
Moccasin.	Mohave.	4,500	1	35.4	—	66	17	—	28	45	3.75	—	1.00	24.0	7	12	11	5	w.	
Mohawk Summit.	Yuma.	538	13	—	—	78	15	32	1†	—	1.23	+ 0.68	0.57	0	8	15	4	9	—	
Naco.	Cochise.	4,579	4	—	—	—	—	—	—	3.30	—	0.76	1.0	1.0	10	19	2	7	w.	
Natural Bridge.	Gila.	4,990	24	—	—	—	—	—	—	6.61	+ 4.18	1.98	27.0	9	8	9	11	sw.		
Oracle.	Pinal.	4,500	21	43.2	- 4.6	66	17	23	21	43	4.54	+ 2.74	1.25	10.0	10	4	6	18	w.	
Osborn.	Cochise.	4,676	4	—	—	—	—	—	—	4.03	—	1.00	1.0	11	11	11	6	—	—	
Paradise.	do.	5,436	8	39.2	—	61	14†	13	22	40	2.80	—	0.90	5.0	5	8	12	8	sw.	
Parker.	Yuma.	345	18	54.8	—	1.0	80	20†	27	69	2.10	+ 1.77	0.70	0	5	17	7	4	—	
Payson.	Gila.	5,550	4	39.2	—	68	15	—	28	46	5.14	—	0.93	44.0	11	11	0	17	s.	
Phoenix.	Maricopa.	1,108	18	53.1	—	1.3	78	16	34	4	3.8	1.93	+ 1.24	0.94	0	9	10	8	10	
Phoenix (1).	do.	1,092	22	51.8	- 1.8	79	16	27	3	45	2.18	+ 1.45	0.77	0	8	13	5	10	w.	
Phoenix (2).	do.	1,189	4	53.6	—	79	17	31	3†	43	1.80	—	1.18	0	4	10	6	12	se.	
Pinal Ranch.	Pinal.	4,520	17	—	—	—	—	—	—	7.00	+ 4.09	2.05	11.2	15	—	—	—	—	—	
Pinedale.	Navajo.	—	1	—	—	—	—	—	—	2.37	—	—	30.5	11	5	10	13	s.		
Pinto.	Apache.	5,660	8	—	—	—	—	—	—	2.00	—	0.85	28.0	8	9	16	16	sw.		
Prescott.	Yavapai.	5,320	47	34.5	- 3.5	63	16	—	2	33†	40	2.99	+ 1.32	0.90	9	15	5	8	—	
Prescott Dry Farm.	do.	1,372	5	—	—	63	17	1	23	36	1.82	—	0.48	17.0	8	14	8	6	s.	
Quartzsite.	Yuma.	800	5	51.8	—	81	17	25	3	43	1.36	—	0.42	0	8	10	9	9	s.	
Redrock.	Pinal.	1,864	5	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Rice.	Gila.	2,665	31	47.0	- 2.7	72	15	20	3	44	3.31	+ 1.83	0.58	0	12	14	2	12	s.	
Roosevelt.	do.	2,175	8	50.2	—	74	15†	32	21	37	5.34	—	1.37	0	9	14	4	10	sw.	
Sacaton.	Pinal.	1,280	5	52.7	—	80	16†	20	21	45	1.72	—	0.44	0	9	—	—	—	—	
St. Johns.	Apache.	5,650	6	31.4	—	58	18	—	4	3	48	—	—	10.5	8	2	18	sw.		
St. Michaels.	do.	6,950	25	28.4	- 2.7	56	16†	—	23	45	5.81	+ 4.71	3.40	24.5	8	10	15	3	sw.	
Salome.	Yuma.	1,875	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
San Simon.	Cochise.	3,600	30	47.6	- 1.7	80	26	10	3	56	0.90	+ 0.40	0.30	0	4	18	1	9	—	
Seligman.	do.	5,219	7	35.8	—	87	16	7	20	44	0.50	—	0.50	0	1	17	0	11	s.	
Sentinel.	Maricopa.	685	14	56.2	- 0.5	80	16†	34	16†	46	1.28	+ 0.75	0.50	0	3	16	4	8	—	
Silverbell.	Pinal.	2,050	8	53.4	—	80	15	32	20	30	2.93	—	1.20	0	7	13	0	15	s.	
Snowflake.	Navajo.	5,644	6	33.2	—	62	17	—	23	53	1.00	—	0.50	8.0	4	5	8	15	sw.	
Springerville.	Apache.	6,862	1	31.8	—	56	17	1	11	45	1.36	—	0.62	11.2	8	17	8	3	s.	
Supai.	Coconino.	3,200	5	44.9	—	68	16	22	23	33	0.82	—	0.38	3.0	9	13	2	13	—	
Tempe.	Maricopa.	1,165	9	52.2	—	76	15†	28	3	42	2.75	—	0.93	0	12	10	10	8	sw.	
Thatcher.	Graham.	2,800	10	47.8	- 1.4	76	16†	22	3	47	1.50	+ 0.40	0.30	0	9	10	13	5	—	
Tombstone.	Cochise.	4,550	15	46.8	- 2.3	70	16	27	20†	31	3.02	+ 1.97	0.75	3.0	9	10	8	10	s.	
Truxton.	Mohave.	3,997	3	41.4	—	70	16	—	23	39	1.57	—	0.55	4.7	9	11	9	8	n.	
Tuba.	Cononino.	4,500	15	35.0	- 3.5	60	17	—	23	33	2.03	+ 1.49	0.80	14.5	11	8	15	5	s.v.	
Tucson.	Pima.	2,390	31	50.2	- 3.1	76	16	28	3	41	1.86	+ 0.95	0.59	0	10	5	8	15	n.w.	
Tucson (1).	do.	2,380	5	48.5	—	77	17	23	4	46	1.77	—	0.45	0	10	12	4	4	sw.	
Tucson (2).	do.	2,526	3	50.2	—	76	16	27	3	42	2.35	—	0.46	0	0	11	7	13	w.	
Vail.	do.	3,421	14	47.0	—	74	18	20	1†	50	1.95	+ 1.02	0.80	0	4	16	0	12	—	
Walnut Grove.	Yavapai.	3,649	22	—	—	—	—	—	—	—	5.52	+ 4.02	—	24.0	—	—	—	—	—	
Wickenburg.	Maricopa.	2,072	12	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Willcox.	Cochise.	4,164	32	43.3	- 2.5	68	15†	20	4†	45	2.07	+ 1.15	1.05	1.0	4	10	0	18	s.	
Williams.	Coconino.	6,750	11	33.4	0.0	58	17	—	8	28	4.85	2.85	1.06	1.60	29.0	8	14	2	12	—
Winslow.	Navajo.	4,853	4	—	—	81	16	27	20†	45	0.14	—	0.46	0.08	0	4	21	4	3	n.
Yuma.	Yuma.	141	33	56.8	- 2.4	81	16	33	20	37	0.14	—	0.46	0.07	0	3	20	4	4	s.
Yuma (1).	do.	150	6	53.4	—	81	16	27	20†	45	0.14	—	0.46	0.07	0	3	17	4	7	n.
Nevada.																				
Caliente.	Lincoln.	4,407	3	34.5	—	66	18	9	4†	49	1.17	—	0.40	13.5	6	20	4	4	se.	
Las Vegas.	Clark.	2,033	11	47.4	+ 3.4	73	16	21	4†	41	1.70	+ 1.27	0.72	0	7	15	6	7	w.	
Logan.	do.	1,355	6	46.8	—	74	16	21	4	42	0.23	—	0.17	0	3	17	4	7	n.	
						</td														

TABLE 2.—Daily precipitation for February, 1913. District No. 9, Colorado Valley.

Stations.	Watershed.	Day of month.																													
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	Total	
<i>Wyoming.</i>																															
Battle Mountain	Green																														
Big Piney	do																														0.80
Daniel	do																														0.28
Eden	do	.09																													0.43
Green River	do																														0.28
Pinedale	do																														0.55
Wamsutter	do																														1.04
Willow Creek Cabin	do																														
<i>Colorado.</i>																															
Breckenridge	Grand																														3.58
Buford	White																														1.38
Cascade	San Juan																														0.40
Cedaredge	Gunnison	T																													2.98
Cochetopa	do																														1.98
Collbran	Grand	.01																													0.57
Columbine	Yampa																														1.26
Columbine Ranch	Gunnison																														
Corona II	Grand	1.23	1.23	T	.50																										12.21
Cortez	San Juan	T																													1.12
Crawford (near)	Gunnison	.07																													0.85
Crested Butte	do																														2.98
Delta	do	.03																													0.57
Durango	San Juan	.09																													2.75
Eureka	do																														1.49
Fraser II	Grand	.36	.05	T																										1.76	
Fruita	do	.02																													1.27
Glade Park		.30																													1.88
Gladstone	San Juan																														3.13
Glenwood Springs (near)	Grand																														1.40
Grand Junction	do	.06																													1.22
Grandlake	do																														1.25
Grand Valley	do																														
Gunnison	do																														0.80
Hesperus (near)	La Plata																														2.27
Horsefly	Gunnison	.02	.13																												2.10
Ironton	do																														2.11
Lake City	do																														0.26
Lay	Yampa	.05																													
Mancos	San Juan																														3.17
Marble	do																														2.59
Marshall Pass																															
Meeker (near)	White																														0.67
Montrose	Montrose	.02	.10																												0.81
Nast	Grand																														1.39
Pagosa Springs	San Juan	.12	.05																												
Palisades	do																														0.89
Paonia	Gunnison	T																													1.70
Pitkin	do																														1.52
Pyramid	Yampa																														
Rangely	White																														
Redcliff	do																														
Rico	do																														1.30
Rifle	Grand	.09																													
River Portal	Gunnison	.08	.06																												0.74
Sapinero (near)	do	.17	.13																												2.97
Shoshone	do																														1.25
Silverton (near)	San Juan	T	.01																												1.69
Spruce Lodge	do																														1.88
Steamboat Springs	Yampa	.25	.13																												1.66
Tacoma	do																														1.54
Telluride	do																														1.78
Terminal Dam	do																														2.14
Yampa (near)	Yampa																														0.89
<i>Utah.</i>																															
Aneth	San Juan		.10																												1.12
Bluff	do																														
Boneta	Green		.30																												1.20
Canaan	do	.01																													2.63
Castle Dale	Green																														1.24
Cisco	do																														2.90
Dragon	Green																														0.98
Duchesne	do																														0.44
Elkhorn	do																														0.70
Emery	do																														0.66
Escalante	do																														
Fisher Valley	do																														
Fort Duchesne	do																														
Fruitland	do																														
Grayson	San Juan																														3.87
Green River	Green																														

TABLE 2.—*Daily precipitation for February, 1913. District No. 9—Continued.*

TABLE 2.—*Daily precipitation for February, 1913. District No. 9—Continued.*

Stations.	Watershed.	Day of month.																												Total.					
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28						
Arizona—Continued.																																			
Phoenix.....	Salt.....				T.	.01	.17	.05		.17	T.										.01	.02	.45	T.		.81	.24	T.		1.93					
Phoenix (1).....	do.....				T.	T.	.14	.09	.18	T.											T.	.03	.45	T.		.77	.38	T.		2.18					
Phoenix (2).....	do.....					.18	.95	.62	.53	.10		.18																			1.80				
Pinal Ranch|||.....	Gila.....						.02	.18	.15		.10											.07	.03	* 1.45		.15	2.05	.82	.30		7.00				
Pinedale.....	Little Colorado.....		.06				.01	.11	.20	T.	T.	.17										.08		.85							2.37				
Pinto.....	do.....		.30					.49	.35	.01												T.	.15	.15	.90		.46	.12	.36	T.	2.99				
Prescott.....	Hassayampa.....			T.				.48	.09															.11	.04	.35		.25	.35	.15		1.82			
Prescott Dry Farm.....	Verde.....						.05	.08	.21															.05		.41		.02	.42	.12		1.36			
Quartzsite.....	Colorado.....						.06	.58	.45	.02	.45	T.											.05	T.	.15	.11		.48	.58	.35	.03	3.31			
Redrock.....	Santa Cruz.....							.68	.17															.21	T.	.20	.12	1.03	.43	.37	.13	5.34			
Rice.....	Gila.....						.10		.14			.25												.06		.43	.16		.44	.07	.07	1.72			
Roosevelt.....	St. Johns.....																																		
Sacaton.....	Little Colorado.....																																		
St. Johns.....	do.....																																		
St. Michaels.....	Colorado.....																																		
Salome.....	Gila.....																																		
San Simon.....	Verde.....																																		
Seligman.....	Gila.....																																		
Sentinel.....	Silverbell.....																																		
Silverbell.....	Santa Cruz.....																																		
Snowflake.....	Little Colorado.....		T.																																
Springerville.....	do.....		.12																																
Supai.....	Colorado.....		.04																																
Tempe.....	Salt.....				T.	.02	.16	.03	.02	.27	.01																								
Thatcher.....	Gila.....					.05	.30	.16	T.	.25																									
Tombstone.....	San Pedro.....					.35	.75	.05	.25	.38		.06																							
Truxton.....	Colorado.....																																		
Tuba.....	Little Colorado.....		.04																																
Tucson.....	Santa Cruz.....																																		
Tucson (1).....	do.....																																		
Tucson (2).....	do.....																																		
Vail.....	do.....																																		
Walnut Grove.....	Hassayampa.....																																		
Wickenburg.....	do.....																																		
Willcox.....	Desert.....																																		
Williams.....	Colorado.....		.20																																
Winslow.....	Little Colorado.....																																		
Yuma.....	Colorado.....																																		
Yuma (1).....	do.....																																		
Nevada.																																			
Caliente.....	Colorado.....		.05																																1.17
Las Vegas.....	do.....																																		1.70
Logan.....	do.....																																		0.23

* Precipitation included in that of the next measurement.

† Separate dates of falls not recorded.

|| Precipitation for the 24 hours ending on the morning when it is measured.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 3.—Maximum and minimum temperatures for February, 1913. District No. 9, Colorado Valley.

Date.	Wyoming.				Colorado.								Utah.								New Mexico.							
	Daniel.		Green River.		Durango.		Grand Junction.		Gunnison.		Meeker.		Steamboat Springs.		Emery.		Hite.		Moab.		St. George.		Vernal.		Bloomfield.		Fort Bayard.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.		
1.....	24	0	35	1	39	13	37	23	26	-2	29	5	58	-3	49	7	55	26	44	23	60	22	38	14	46	11	53	30
2.....	15	-35	35	5	34	11	34	15	26	-7	21	-17	20	-25	45	8	47	34	41	25	54	17	33	9	35	20	50	23
3.....	17	-8	34	17	33	3	33	10	23	-8	33	-8	16	-18	49	9	45	23	45	14	51	14	38	5	37	1	52	26
4.....	33	12	41	11	45	7	37	11	30	-9	40	22	39	3	45	10	54	26	47	15	60	16	46	12	48	9	55	26
5.....	35	13	33	11	46	13	38	15	32	-8	43	10	45	17	48	13	56	24	47	20	55	27	45	14	49	13	58	30
6.....	34	0	31	5	47	15	41	13	27	-15	46	14	42	7	42	15	54	26	49	19	54	30	41	15	52	16	56	32
7.....	20	-30	42	1	38	28	43	13	32	-14	33	10	31	2	43	18	50	29	48	20	56	35	38	9	41	28	47	28
8.....	28	-28	32	12	33	27	37	24	28	-1	31	-1	30	-13	45	13	47	37	39	19	53	38	40	9	34	27	41	25
9.....	30	-11	38	4	42	21	40	32	48	17	42	18	43	10	43	10	52	37	43	19	60	36	43	8	48	26	45	26
10.....	25	-27	34	0	45	15	42	32	38	2	41	6	38	-3	49	12	54	36	48	30	65	30	41	10	46	19	47	25
11.....	26	-15	40	8	40	21	46	26	35	-10	34	-3	39	12	55	15	55	31	48	27	62	31	42	9	47	19	45	26
12.....	29	-13	44	16	41	13	42	22	25	-6	36	-7	29	-19	47	17	55	27	46	21	61	24	41	8	47	14	48	30
13.....	31	-10	42	17	46	15	46	21	35	0	38	5	43	4	46	12	59	26	51	22	57	25	49	11	51	13	50	24
14.....	34	-5	45	24	49	17	42	25	30	-4	41	7	38	-3	45	19	50	26	46	22	60	25	49	14	53	23	57	31
15.....	42	-2	49	23	47	17	50	24	32	-8	41	6	38	22	55	16	59	25	51	22	56	28	51	13	52	15	57	31
16.....	42	16	55	17	51	20	49	27	30	-8	42	10	48	14	51	16	62	30	54	23	60	29	53	14	56	19	60	28
17.....	41	14	35	20	55	22	50	25	35	-6	42	9	50	0	47	17	63	29	56	24	67	29	53	16	60	14	61	30
18.....	35	16	22	14	47	28	57	50	45	12	42	29	49	23	50	18	58	33	57	40	67	30	44	25	58	26	56	32
19.....	23	6	15	-5	39	17	34	23	30	8	30	9	35	14	45	11	45	23	41	10	61	26	36	15	51	14	53	26
20.....	18	-25	14	-16	30	19	28	20	23	-4	21	8	21	7	55	8	38	27	37	23	41	24	7	39	22	46	25	
M'ns.	26.0	-10.7	32.8	7.5	39.5	15.7	39.7	21.7	30.5	-0.7	34.6	6.1	36.6	3.9	49.5	11.9	50.4	29.1	45.8	23.1	54.9	27.5	39.5	9.8	44.8	17.0	49.0	26.6

Date.	Arizona.														Logan, Nev.										
	Bisbee.		Flagstaff.		Fort Apache.		Grand Canyon.		Parker.		Phoenix.		Prescott.		St. Michaels.		Tucson.		Yuma.						
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	
1.....	50	35	44	16	57	18	42	10	68	22	68	38	54	20	43	13	68	31	76	39	66	30			
2.....	55	40	32	4	57	20	42	12	80	20	63	39	41	27	36	19	65	37	67	40	56	30			
3.....	59	34	40	1	56	14	48	12	71	26	64	35	51	14	38	-7	67	28	69	38	56	23			
4.....	58	37	44	9	60	18	50	12	72	25	68	34	54	15	42	2	69	31	72	42	63	21			
5.....	55	37	45	14	60	20	51	14	73	42	70	39	53	24	48	9	67	37	65	51	64	26			
6.....	51	34	43	25	58	38	50	12	76	47	71	50	53	27	49	24	67	42	63	47	62	45			
7.....	49	38	37	28	48	35	52	14	63	48	64	53	46	32	40	25	58	48	62	51	63	35			
8.....	50	33	39	27	46	15	52	15	69	44	61	45	46	34	42	30	54	44	70	50	58	47			
9.....	48	39	36	19	52	24	54	15	72	38	66	40	50	28	47	28	62	38	70	45	61	35			
10.....	50	38	43	21	41	21	52	16	73	38	62	49	51	25	42	22	59	45	72	60	64	35			
11.....	47	36	37	19	56	22	52	15	80	38	66	42	51	23	38	18	62	39	73	47	64	34			
12.....	56	34	40	19	52	19	52	15	79	41	67	40	50	19	44	14	64	39	73	47	64	33			
13.....	56	33	47	17	53	20	53	16	79	40	69	37	58	19	46	15	65	34	75	44	71	32			
14.....	55	33	48	18	60	20	50	15	78	40	72	39	57	20	50	16	68	36	79	43	68	31			
15.....	58	33	51	28	61	22	52	16	79	40	75	37	58	20	48	15	69	33	79	43	72	40			
16.....	62	33	55	22	66	23	52	16	78	39	78	45	63	23	56	17	76	35	81	46	74	36			
17.....	64	36	49	24	64	25	54	18	79	39	75	45	62	25	56	19	75	36	79	47	67	37			
18.....	59	45	42	22	58	20	52	20	76	38	70	44	51	32	71	43	75	45	59	38					
19.....	66	39	36	15	49	20	48	16	77	30	60	39	45	23	43	17	62	39	65	38	57	23			
20.....	60	35	35	22	6	33	5	50	14	79	31	53	35	31	13	38	17	60	30	60	33	51	32		
21.....	58	32	23	3	31	9	50	16	79	33	54	37	33	8	26	2	54	30	64	44	46	28			
22.....	60	33	25	8	31	19	51	16	78	35	58	44	31	26	30	20	58	41	60	47	52	35			
23.....	54	32	28	-5	36	20	48	12	79	35	57	40	41	-2	30	-14	61	39	64	44	57	28			
24.....	60	33	36	22	54	30	40	10	72	35	68	45	50	27	40	12	72	36	71	48	50	40			
25.....	56	32	35	29	37	30	38	10	61	45	58	48	44	31	42	19	61	47	69	46	53	44			
26.....</td																									